

HAND DELIVERED JANUARY 13, 1999

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Choi et al.

Application Serial No.: 08/961,083

Art Unit: 1641

Filed: October 30, 1997

Examiner: Hines, J.

For: Streptococcus Pneumoniae Antigens  
and Vaccines

Attorney Docket No.: PB340P2

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 C.F.R. § 1.56**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the subject application, Attorneys for Applicants hereby direct the Examiner's attention to the references AA-AB listed on the attached form PTO 1449. A copy of references AA-AB is enclosed.

Identification of the listed references is not to be construed an admission of any individual associated with the filing or prosecution of the subject application that such references are available as "prior art" against the subject application. Furthermore, Applicants do not waive any rights to appropriate action to establish patentability over any of the listed documents should they be applied as references against the claims of the subject application.

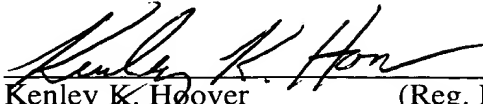
Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.

Pursuant to 37 C.F.R. § 1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine

otherwise, please charge the required fee to Human Genome Science, Inc., deposit account no. 08-3425. A copy of this sheet is enclosed.

Respectfully submitted,

Date: January 13, 1999

  
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